

October 1965

Recently Issued Patents Assigned to IBM

October 1965

Rotary Punching Device	T. C. McCartan	3,209,630
Type Carrier for High Speed Printer	A. C. Cooper, Jr. and A. A. Dowd	3,209,682
Feeding Apparatus for Continuous and Cut Forms	R. N. Eichorn	3,209,973
Selective Removal of Excess Solder	J. Funari	3,210,182
Magnetic Reader	D. R. Daykin	3,210,527
Periodic Waveform Generator	F. D. Owen	3,210,558
Phase Control Circuit for Multivibrators	C. N. Sprott	3,210,691
Data Display System	W. B. Lozier, Jr. and W. S. Rohland	3,210,729
Magnetic Core Transfer Matrix	C. A. Andrews, W. D. Thoner, R. D. Watson and C. J. Tilton	3,210,734
Data Processing Apparatus	H. J. Tashjian	3,210,736
Translator	D. F. Monahan	3,210,755
Escapement Assembly with Force Relieved Before Removement of Pawl from Rack	M. B. Emig	3,211,269
PNPN Semiconductor Translating Device and Method of Construction	F. Barson and J. Gow, 3rd	3,211,971
Charge Storage Circuit	R. W. Jones	3,211,984
Parity Responsive Detector	G. E. Olson	3,212,063
Magnetic Memory Instrumentation	A. W. Vinal	3,212,068
Radar Display System	J. H. Alexander, G. Barbieri and J. Diaz	3,212,088
High Speed Printer with Reciprocal Type Bar	J. H. Walker	3,212,435
Dual Pawl Dog Clutch	G. A. Walker and R. E. Hosey	3,212,610
Electroless Plating Procedure	I. Tsu and R. S. Smith	3,212,917
Electroless Plating Process	I. Tsu and R. G. Stevens	3,212,918
Method of Forming a Glass Film on an Object and the Product Produced Thereby	W. A. Pliskin and E. E. Conrad	3,212,921
Method of Forming a Glass Film on an Object	W. A. Pliskin and E. E. Conrad	3,212,929
Data Compactor	F. W. Eilersick, Jr.	3,213,268
Data Control of Carrier Injection in Sideband Transmission Systems	G. K. McAuliffe	3,213,369
Signal Selecting System with Switching at the Interstice Between Data Increments	J. R. Featherston	3,213,370
Arithmetic Unit for an Electronic Data Processing Machine	J. A. Haddad, R. K. Richards, N. Rochester and H. D. Ross, Jr.	3,213,373
Error Correcting System	C. M. Melas	3,213,426
Mono-Selected Matrix and Storage Element Therefor	L. A. Russell	3,213,434
Magnetic Storage Device and System	G. D. Bruce	3,213,435
Air Bearing Head	W. A. Goddard	3,213,461
Multi-Stage Epicyclic Printing Mechanism	E. L. Mathurin	3,213,786
Apparatus for Feeding Minute Articles	A. A. Stricker and F. H. Masterson	3,214,060
Method of Preparation of Carbon Transfer Inks. N, N-Diethyl and N-Methyl, N-Butyl Docosyl Succinamate	H. L. McGee and P. M. Schwartz	3,214,282
Protective Circuit	W. A. Christopherson	3,214,460
Multivibrator Pulse Generator	J. M. Heyning and B. Moulds	3,214,601
Phase and Frequency Modulator Circuits	D. J. Comer	3,214,710
Data Multiplexing Apparatus	D. R. Spencer and P. P. Cartier	3,214,733

November 1965

Solid Solution Electro-Optic Light Switch Using the Stark Effect	W. R. Heller, J. Kumamoto and J. C. Powers, Jr.	3,215,038
Printer System with Continuously Rotating Print Wheels	R. E. Abernathy and L. R. Harper	3,215,070
Punching and Printing Apparatus Including Storage Means	J. E. Hickerson	3,215,244

Color Photographic Material	R. M. Lindquist, F. T. Neth and A. J. Critchlow	3,215,529
Remotely Controlled Printing Apparatus	P. Abramson	3,215,778
Memory System	W. V. Smith and H. E. Petersen	3,215,819
Monostable Transistor Trigger Having Both Transistors Normally Biased in the Non-Conducting State	G. D. Brode and T. D. Ward	3,215,852
Circuit Including Transistor Having Low Back Voltage Characteristic for Switching a High Voltage, Negative-Impedance Device.	M. Corradetti	3,215,853
High Speed Pulse Forming Network Including Constant Current Grounded Base Transistor	J. N. Cole, H. R. Foglia and J. R. Kiseda	3,215,855
Semiconductor Element in which Negative Resistance Characteristics are Produced Throughout the Bulk of Said Element	E. Erlbach	3,215,862
Quantum Mechanical Tunneling Semiconductor Device	J. C. Marinace and R. F. Rutz	3,215,908
Counter Pulse Monitoring and Correction Circuit	D. R. Spencer and T. S. Stafford	3,215,938
Acoustical Traveling Wave Parametric Amplifier and Generator Using Paramagnetic Ions to Enhance Acoustic Dispersion	N. S. Shiren and T. G. Kazyaka	3,215,943
Cryogenic Device Employing Superconductive Alloys	M. J. Burns and A. M. Toxen	3,215,967
Core Matrix Control Circuit for Selection of Cores by True and Complement Signals	R. J. Flaherty and R. C. Lamy	3,215,982
Electrical Communication Apparatus	P. Abramson, R. W. Bennett and G. R. Stilwell, Jr.	3,215,984
Passive Electric Networks for Magnetic Storage System	H. M. Sierra	3,215,995
Conversion System	H. L. Funk, T. J. Harrison and J. Jursik	3,216,003
Binary Data Transmitting Apparatus	F. R. Goldammer	3,216,008
Contact Pin Insertor	A. A. Stricker and S. Kamenetsky	3,216,097
Cryogenic Regenerator	W. E. Gifford	3,216,484
Rotary Optical Servomechanism.	B-L. Ho	3,217,170
Binary Data Detection System	L. H. Thompson and A. Brunschweiler	3,217,183
Electronic Digital Computing Machines	T. Kilburn and F. H. Sumner	3,217,298
Memory System.	D. W. Baxter and D. W. Anis	3,217,304
Glass Bonded Ferrite Magnetic Head	J. S. Hanson	3,217,305
Binary to Ternary Converter	K. M. Trampel	3,217,316
Paper Feeding Mechanisms for Typewriters	G. T. Miles	3,217,856
Decreasing Tape Wear on Exit Side of Vacuum Column	V. Nejezchleb	3,217,956
Aperture Card Feed	A. J. Boyce	3,218,063
Method of Stabilizing Refractory Metal Film Resistors.	L. I. Maisel	3,218,194
Pressure Device for Use with Transducer	C. A. Albosta	3,218,440
Cathode Ray Captured Spot Sensing Unit	W. C. Dersch and R. B. Johnson	3,218,441
Direct Current Amplifier	T. J. Raub and J. E. Taunt	3,218,462
High Speed Switching Circuits	J. L. Walsh, J. R. Turnbull, Jr. and F. K. Buelow	3,218,466
Transistor Switch with Noise Rejection Provided by Variable Capacitance Feedback Diode	C. E. Ruoff	3,218,472
Uni-Directional Tunnel Diode Circuits	W. G. Crouse	3,218,474
Multimode Transistor Circuits	G. L. Clapper	3,218,483
Record Transmission System	R. A. Barbeau	3,218,608
Data Transfer Control Device.	T. Kilburn and D. B. G. Edwards	3,218,611
Data Transfer System	J. H. Sorg, Jr. and J. D. Calvert	3,218,612
One-Out-of-Many Code Storage System	T. Kilburn, D. B. G. Edwards and M. J. Lanigan	3,218,614
Magnetic Recording Medium	P. I. Prentky	3,219,353
Sense Amplifier, Diode Bridge and Switch Means Providing Clamped, Noise-Free, Unipolar Output	R. W. Fletcher	3,219,839
Free Access Control	S. Bepalko, J. R. Evans and R. J. Klotz	3,219,979
Computer Multiplexing Apparatus.	J. E. Griffith, J. L. Botjer, P. Jung and D. C. Manning	3,219,980
Programming Device for Data Processing Machines	E. Estrems	3,219,981
High Order Mark System	S. G. Tucker	3,219,982
High Speed Electro-Optic Printer	T. J. Harris	3,220,013
High Iron Magnesium Manganese Ferrite	H. A. DiMarco, R. D. Dorion and E. C. Leaycraft	3,220,950
Associative Memory	H. Fleisher and R. I. Roth	3,221,157
Combinatorial Word Analyzer	R. I. Roth and H. Fleisher	3,221,158
Multiple Stable Generators for Majority Logical Circuits	H. Nussbaumer	3,221,177
Tunnel Diode NOT Circuits	K. K. Smalley, W. G. Strohm and H. S. Yourke	3,221,179
Automatic Tape Unit Selector	D. C. Manning	3,221,307
Memory System.	H. E. Petersen, W. L. McDermid and J. R. Kiseda	3,221,308
182 Analog to Digital Converter	W. P. Margopoulos	3,221,324